

Application No. 10/009,147

Applicants: Peter Himmelsbach et al.

Amendment in Response to Office Action dated February 26, 2004

Amendments to the Claims:

The present listing of the claims replaces all past listings of the claims:

Listing of claims:

Claim 1. (Canceled)

Claim 2. (Currently Amended) The combination medical article as claimed in claim 45 28, wherein the cold seal composition is constructed on a block copolymer basis.

Claim 3. (Currently Amended) The combination medical article as claimed in claim 45 28, wherein the overall styrene content in the polymer is less than 40% by weight.

Claim 4. (Currently Amended) The combination medical article as claimed in claim 45 28, wherein the cold seal composition has a dynamic-complex glass transition temperature at a frequency of 0.1 rad/s of less than -30°C.

Claim 5. (Currently Amended) The combination medical article as claimed in claim 45 28, wherein the cold seal composition is applied partially and/or foamed with an inert gas.

Claim 6. (Currently Amended) The combination medical article as claimed in claim 45 28, wherein the cold seal composition is applied to the backing material by a printing

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process selected from the group consisting halftone printing, thermal screen printing and gravure printing.

Claim 7. (Currently Amended) The ~~combination~~ medical article as claimed in claim 45 28, wherein the cold seal composition is applied to the backing material in the form of polygeometric domes.

Claim 8. (Currently Amended) The ~~combination~~ medical article as claimed in claim 45 28, wherein the cold seal composition is coated on the backing material with a coating weight of more than 3 g/m².

Claim 9. (Currently Amended) The ~~combination~~ medical article as claimed in claim 45 28, wherein the ultimate tensile stress elongation of the backing material is less than 300% and/or the ultimate tensile stress strength is from 1 000 to 22 000 cN/cm.

Claim 10. (Currently Amended) The ~~combination~~ medical article as claimed in claim 45 28, wherein the bond strength of the coated backing material is between 0.4 N/cm and 3.0 N/cm.

Claim 11. (Currently Amended) The ~~combination~~ medical article as claimed in claim 45 28, wherein the ~~combination~~ medical article is enveloped or is provided with a wound contact material or padding.

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Claim 12. (Currently Amended) The combination medical article as claimed in claim 45 28, wherein the combination medical article is sterilized.

Claim 13. (Currently Amended) A method of using a combination medical article as claimed in claim 45 28 in a medical treatment of a patient, said method comprising wrapping said combination medical article around a portion of a body of a patient receiving said medical treatment.

Claim 14. (Currently Amended) A method of using a combination medical article as claimed in claim 45 28, comprising wrapping said combination medical article around said a substrate, and optionally removing said combination medical article from around said substrate without damaging the substrate.

Claim 15. (Canceled).

Claim 16. (Currently Amended) The combination medical article as claimed in claim 2, wherein the block copolymer is A-B or A-B-A block copolymers or mixtures thereof.

Claim 17. (Currently Amended) The combination medical article as claimed in claim 16, wherein phase A is polystyrene or its derivatives and phase B is at least one member selected from the group consisting of ethylene, propylene, butylene, butadiene, isoprene and

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mixtures thereof.

Claim 18. (Currently Amended) The combination medical article as claimed in claim 17, wherein phase B is selected from at least member selected from the group consisting of ethylene, propylene and butylene and mixtures thereof.

Claim 19. (Currently Amended) The combination medical article as claimed in claim ~~45~~ 28, wherein the overall styrene content in the polymer is from 3 to 35% by weight.

Claim 20. (Currently Amended) The combination medical article as claimed in claim 4, wherein the dynamic-complex glass transition temperature is less than -50°C.

Claim 21. (Currently Amended) The combination medical article as claimed in claim 4, wherein the dynamic-complex glass transition temperature is from -55°C to 150°C.

Claim 22. (Currently Amended) The combination medical article as claimed in claim ~~45~~ 28, wherein the cold seal composition is coated on the backing material with a coating weight of between 6 g/m² and 180 g/m².

Claim 23. (Currently Amended) The combination medical article as claimed in claim ~~45~~ 28, wherein the cold seal composition is coated on the backing material with a coating weight of between 9 g/m² and 140 g/m².

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Claim 24. (Currently Amended) The combination medical article as claimed in claim 9, wherein the ultimate tensile stress elongation of the backing material is from 5 to 100%, and/or the ultimate tensile stress strength is from 1 000 to 22 000 cN/cm.

Claim 25. (Currently Amended) The combination medical article as claimed in claim 9, wherein the ultimate tensile stress elongation of the backing material is from 150% to 250%, and/or the ultimate tensile stress strength is from 1 000 to 22 000 cN/cm.

Claim 26. (Currently Amended) The combination medical article as claimed in claim 9, wherein the ultimate tensile stress elongation of the backing material is less than 30%, and/or the ultimate tensile stress strength is from 1 000 to 22 000 cN/cm.

Claim 27. (Currently Amended) The method as claimed in claim 13, wherein the combination medical article is in the form of a medical product selected from the group consisting of plasters, medical fixations, wound coverings, orthopedic or phlebological bandages, and dressings.

Claim 28. (Currently Amended) A combination medical article comprising:

- a) a backing material; and
- b) a latex-free, cold seal composition applied to one or both sides of the backing material;

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wherein:

- i) the cold seal composition is a pressure sensitive adhesive having an ultimate tensile stress strength of at least 800 cN/cm;
- ii) the cold seal composition comprises one or more block copolymers having a styrene content of less than 65% by weight; and
- iii) the cold seal composition has a $\tan \delta$ of less than 0.4 at a temperature of 25°C and a frequency of 100 rad/s, wherein $\tan \delta$ is a quotient between a loss modulus and a storage modulus, and
- iv) individual plies or turns of the ~~combination~~ medical article adhere to other plies or turns of the ~~combination~~ medical article, but not substantially to a substrate selected from the group consisting of skin, hair and clothing.